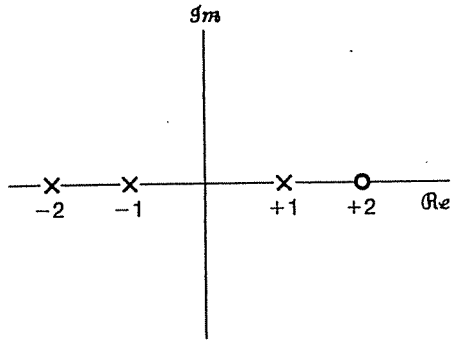


Consider an LTI system for which the system function  $H(s)$  has the pole-zero pattern shown in Figure P9.28.



- (a) Indicate all possible ROCs that can be associated with this pole-zero pattern.
- (b) For each ROC identified in part (a), specify whether the associated system is stable and/or causal.